

Converting Colors

`RYB(242, 255, 245)`

Have a look what the booklet for
RYB(242, 255, 245) contains.

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Color

R_YB(242, 255, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFF2
RGB	252, 255, 242
RGB Percent	99%, 100%, 95%
CMY	0.0118, 0.0000, 0.0510
CMYK	0.01, 0.00, 0.05, 0.00
HSL	74°, 100%, 97%
HSV	74°, 5%, 100%
XYZ	91.9319, 98.6263, 98.1958
YIQ	252.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

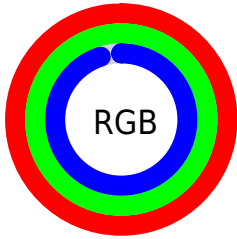
Format	Color
R_{YB}	242, 255, 245
Decimal	16580594
CIE _{Lab}	99.47, -3.22, 5.85
CIE _{LCh}	99, 6.679, 118.852
Yxy	98.6263, 0.3184, 0.3416
Android (android.graphics.Color)	4294770674 (0xFFFCFF2)
YUV	252.6210, -5.2362, -0.5446
Hunter-Lab	99.3108, -8.5565, 10.8931

Details

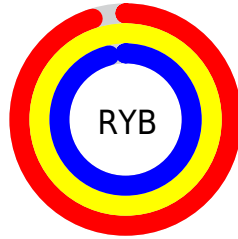
The RYB color 242, 255, 245 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 242, 255, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 186, 198, 189 is the 20% darker color. If you saturate the color by 10%, you get 217, 255, 226, and if you desaturate by 10%, it is 255, 255, 255.

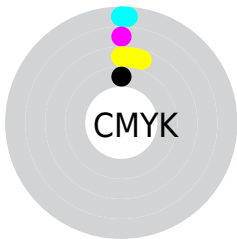
Distribution



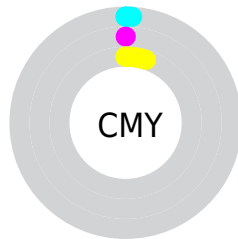
- Red (99%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 255, 245 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 242, 255, 245 by changing the saturation by 10% instead.

 242, 255, 245

255, 255, 255

 242, 255, 245

 214, 226, 217


 186, 198, 189

 159, 171, 162


 133, 145, 136

 108, 119, 111

 83, 94, 85

 60, 71, 63

 39, 48, 41

 18, 27, 20

242, 255, 245

242, 255, 245

217, 255, 226

255, 255, 255

191, 255, 206

165, 255, 186

140, 255, 167

114, 255, 146

89, 255, 127

63, 255, 107

38, 255, 88

12, 255, 68

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 255, 241



242, 255, 245



245, 253, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 255, 245



241, 248, 255



255, 249, 254

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



242, 255, 245



245, 242, 255

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 250, 255



242, 255, 245



247, 251, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 255, 245



238, 247, 255



255, 252, 255



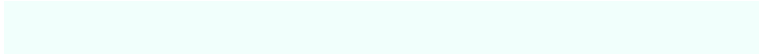
255, 252, 247

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 255, 245



241, 249, 255



255, 252, 255



255, 249, 255

Sweetspot

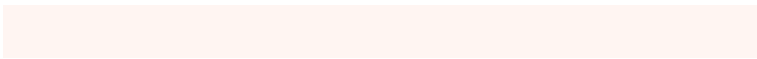
The Sweet Spot groups the original color and five complimentary colors.



242, 255, 245



250, 255, 251



255, 246, 242



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 255, 245



240, 255, 244



242, 255, 251



119, 128, 122



0, 191, 44



0, 64, 15

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



245, 242, 255



243, 240, 255



251, 242, 255



121, 119, 128



44, 0, 191



15, 0, 64

Previews

White Background



This preview shows how the RYB color 242, 255, 245 looks on a white background.

Color Contrast Check

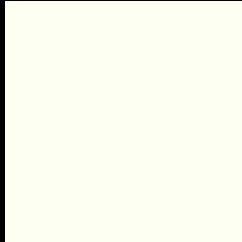
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 242, 255, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 242, 255, 245 Background



This preview shows how black text looks on a background with the RYB color 242, 255, 245.

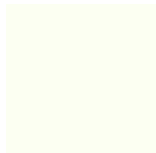


This preview shows how white text looks on a background with the RYB color 242, 255, 245.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
242, 255, 245



Protanopia
255, 255, 251



Deuteranopia
255, 253, 253

Tritanopia

254, 253, 255

Trichromacy



Original Color

242, 255, 245

Protanomaly

248, 254, 248

Deuteranomaly

249, 254, 249

Tritanomaly

250, 254, 251

Monochromacy



Original Color

242, 255, 245

Achromatopsia

253, 253, 253

Achromatomaly

249, 254, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 255, 245 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 255, 242) looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 242) }
```

Border

The CSS property to change the border of an element to RYB 242, 255, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 255, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 255, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 242, 255, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
255, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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